

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously presented) An isolated or recombinant protein having phytase activity, said protein consisting of the amino acid sequence of SEQ ID NO: 7.

2. (Previously presented) The isolated or recombinant protein as set forth in claim 1, wherein the protein is expressed by a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 6.

3.-5. (Canceled)

6. (Previously presented) An isolated gene encoding the protein of claim 1.

7. (Previously presented) The gene as set forth in claim 6, wherein the gene has the polynucleotide sequence of SEQ ID NO: 6.

8. (Canceled)

9. (Currently amended) A feed additive containing the protein of claim 1 ~~as an~~ effective ingredient.

10 - 14. (Canceled)

15. (Previously presented) An isolated gene encoding the protein of claim 2.

16 – 19. (Canceled)

20. (Currently amended) A feed additive containing the protein of claim 2 ~~as an~~
effective ingredient.

21. (Previously presented) An isolated gene encoding a protein having phytase activity,
said protein comprising the amino acid residues 23-433 of SEQ ID NO: 7.

22. (Previously presented) The isolated gene of claim 21, wherein the protein has the
amino acid sequence of SEQ ID NO: 7.

23. (Previously presented) The isolated gene of claim 21, wherein the gene comprises
the nucleotide sequence of SEQ ID NO: 6.